

PDR RID Report

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Priority 2

Section

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Figure Table

Category Name ESDIS System-Level

Actionee HAIS

Sub Category

Subject Test scenarios to be conducted at Hughes site prior to "consent to ship" of system

Description of Problem or Suggestion:

Provide DAAC specific testing prior to system deliveries to avoid potentially difficult fixes after delivery.

Originator's Recommendation

Hughes submit a test plan for CSR & SORR that includes the usage of DAAC furnished test scenarios that are a part of the pre-delivery tests.

GSFC Response by:

GSFC Response Date

HAIS Response by: E. Lerner

HAIS Schedule 5/15/95

HAIS R. E.

HAIS Response Date 6/30/95

It has always been our intention to conduct DAAC specific testing prior to system delivery. System Testing performed at the EDF will incorporate DAAC specific testing to the extent possible within the given resources, as discussed below.

The EDF will have a representative suite of equipment though there is not adequate resources to duplicate all equipment at each site. Within this configuration we will reconfigure to the extent possible to simulate each site. Some unique site testing must occur in the DAACs due to these resource constrains. For example, in the field we can demonstrate multisite functionality whereas in the EDF this will have to be tested using simulators or very limited configurations.

We are also limited by the schedule constraints of integrating and testing over 200K lines of custom code, multiple COTS software and hardware products, and operational procedures. Much of the functionality at each site is common, and testing of this functionality need not be DAAC specific. However the data, external interfaces, traffic rates, DAAC policies and user profiles may vary greatly by site. These are the aspects we will attempt to demonstrate in DAAC specific tests. We will work with the DAACs and M&O to define these types of tests and ensure they fit within our resource constraints.

Status Closed

Date Closed 7/21/95

Sponsor Banks

***** Attachment if any *****